

Appl. No. 09/621,432

Amdt. dated 5/31/05

Reply to Office action of 3/7/05

CLAIM AMENDMENTS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended). A method of authenticating users for using a multiplicity of services each being callable via a defined access authorization, the method which comprises the following steps:

providing an authentication server and storing in the authentication server at least one access authorization for each of the services a service;

storing a multiplicity of authentication codes assigned to users in the authentication server;

assigning each authentication code to the access authorization or authorizations for at least one service able to be used by the user of a user; and

upon receiving a request for a given service, carrying out authentication with the authentication server by comparing a received authentication code with the authentication codes stored in the authentication server and, if the comparison leads to a positive comparison result, setting up ~~causing~~ with

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the authentication server a connection to the requested service using the stored access authorization having the assigned authentication ~~to be set up.~~

Claim 2 (currently amended). The method according to claim 1, ~~wherein~~ which further comprises selecting the access authorization or authorizations of at least one of the users a ~~user~~ to be at least one of service-specific and subscriber-specific.

Claim 3 (currently amended). A method of authenticating users ~~for universal authentication in~~ an intelligent network for using a multiplicity of IN services each being callable via a defined access authorization, the method which comprises the following steps:

providing an authentication server in a service control point of an intelligent network;

storing at least one access authorization for each of the an IN service in the authentication server;

storing a multiplicity of authentication codes assigned to users in the authentication server;

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assigning each authentication code to the access authorization or authorizations for the at least one service to be used by the user ~~of a user~~; and

upon receiving a request for a given ~~an~~ IN service, carrying out authentication with the authentication server by comparing ~~with the authentication server~~ a received authentication code with the authentication codes stored in the authentication server and, if the comparison leads to a positive comparison result, setting up ~~causing~~ with the authentication server a connection to the requested service using the stored access authorization having the assigned authentication code ~~to be set up~~.

Claim 4 (currently amended). The method according to claim 3, wherein which further comprises selecting the access authorization or authorizations of at least one of the users ~~a user~~ to be at least one of service-specific and subscriber-specific.

Claim 5 (currently amended). An apparatus for authenticating users ~~authentication for using~~ a multiplicity of services, comprising:

an authentication server connected to a multiplicity of

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services, said authentication server including

- a memory storing at least one defined access authorization for each of the services a service and storing assigned authentication codes of users;
- a comparison device connected to said memory for comparing a received authentication code with the authentication codes stored in said memory; and
- a connection setup device for setting up a connection to a requested service using the access authorization having been assigned the received authentication code.

Claim 6 (currently amended). The apparatus according to claim 5, ~~wherein~~ which further comprises selecting the access authorization or authorizations of at least one of the users a ~~user~~ to be at least one of service-specific and subscriber-specific.